| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|
| FEE DETERMINATION         | AAD      |        | 8/3/10/  |  |  |  |
| O.I.P.E. CLASSIFIER       |          |        | /        |  |  |  |
| FORMALITY REVIEW          | FY_      | 1027   | 10/01/01 |  |  |  |
| RESPONSE FORMALITY REVIEW | HC       | 712    | 017402   |  |  |  |
|                           |          | 1      |          |  |  |  |

## INDEX OF CLAIMS

| V | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

|          |          |       |          |   |              |          | ÷  | •••  |              | •••••  | ••••     | ••••       | I  | 1691     | uici            | eu  |              |          |  | U            | ••••         | •••••    |          |          |
|----------|----------|-------|----------|---|--------------|----------|--|--|--------------|--|----------|------------|--|----------|-----------------|-----|--------------|----------|--|--------------|--------------|----------|----------|----------|
| Cla      |          |       | _        |   |              |          | Dat  | e  |              |  | _        |            | Cla  | im       |                 |     |              |          | Da   | te           |              |          |          |          |
| Final    | Original | 21512 | 5        | , |              |          |  |  |              |  |          |            | Final  | Original |                 |     |              |          |  |              |              |          |          |          |
| 1        | 1        | ١.    | 7        |   |              |          |  |  |              |  |          |            |  | 51       |                 |     |              |          |  |              |              | <u> </u> |          |          |
| 广        | 2        | n     | T        |   |              |          |  |  |              |  |          |            |  | 52       |                 |     |              |          |  |              |              |          |          | Γ        |
| 2        | 3        | Н     | H        |   | $\vdash$     | _        | T  | _  |              |  |          |            |  | 53       |                 |     |              |          |  |              |              |          |          | Т        |
| H        | 4        | Н     | Н        |   |              | H        | ┢╾   | -  | $\vdash$     |  | -        |            |  | 54       | $\vdash$        |     |              | $\vdash$ |  | -            |              | T        | <b>†</b> | t        |
| -        | 5        | H     | H        |   | -            |          | $\vdash$   | $\vdash$   |              |  |          |            |  | 55       |                 |     |              |          |  |              |              |          |          | T        |
| -        | 6        | Н     | Н        |   | $\vdash$     | ⊢        | -  | -  | -            | -  | H        | -          |  | 56       | $\Box$          |     | _            | -        |  | $\vdash$     | <u> </u>     | 1        |          | T        |
|          | 7        | Н     | Н        |   | -            | ├        | $\vdash$   |  | ┢            | -  |          | $\vdash$   | ▎ ├─   | 57       | H               | _   |              | -        | t  | ╁            | <u> </u>     | $\vdash$ | 1        | t        |
|          | 8        | Н     | Н        | _ | ┢            |          |  |  |              | $\vdash$   | ┢        | ├          | ▎├   | 58       | $\vdash$        |     | ┢            | -        |  | $\vdash$     | 1            | $\vdash$ | +-       | t        |
|          |          | Н     | Н        |   | ├─           |          | $\vdash$   | <del> </del>                                     | ⊢            | $\vdash$   | -        | ├─         | <b> </b>                                     | 59       |                 |     | $\vdash$     | -        | ┢╌   | $\vdash$     | <del> </del> | $\vdash$ | Н        | t        |
|          | 9        | H     | Н        |   | $\vdash$     | ⊢        |  | ┢  | -            | $\vdash$   | ⊢        | ├          |  | 60       | Н               |     | -            | $\vdash$ |  | $\vdash$     | $\vdash$     | ├        | $\vdash$ | t        |
| $\vdash$ | 10<br>11 | H     | Н        |   | <del> </del> | ⊢        | ├  | -  | ⊢            |  | -        | ⊢          | -  | 61       | $\vdash$        |     | ├─           | -        | <del>                                     </del> | ├            | 1-           | -        | ╁        | 十        |
| -        |          | L     | Н        |   | $\vdash$     | ├        | ├  | -  |              | -  | ⊢        | -          | <b> </b>                                     | 62       | $\vdash$        |     |              |          | ┢  | ┢            | ╁╌           | $\vdash$ | ╁        | +        |
| Ļ        | 12       | Ł     | Н        | _ | <u> </u>     | ┢        | ┝  |  | ⊢            |  | -        | -          | <b> </b>                                     | 63       | $\vdash$        | _   | ⊢            | -        | ┢  | ┢            | -            | ┢        | ╁╌       | ╁        |
| $\leq$   | 13       | L     | Н        |   | ┡            |          | -  | ├  | -            | _  | ⊢        | <u> </u> - |  | _        | $\vdash$        |     | ┝            | Ŀ        |  | ├-           | ┝            | -        | ╁        | ╁        |
| <u> </u> | 14       | ╀     | Ц        |   | _            | <u> </u> | -  | <u> </u>   | L            |  | <u> </u> |            | <b> </b>                                     | 64       | $\vdash$        |     |              | -        | ⊢  | <del> </del> | ╀            | -        | ┼        | ╀        |
| <u></u>  | 15       | L     | Ц        |   | ļ            | ┡        | <u> </u>   | ┞-   | ļ            |  | <b>├</b> | _          | <b>∤</b>                                     | 65       | $\vdash$        |     | <del> </del> |          |  | ⊢            | -            | ⊢        | ⊢        | ╀        |
| ╙        | 16       | L     | Ц        |   | ļ            | ┡        | <u> </u>   | <u> </u>   | <u> </u>     |  | <b>.</b> | <u> </u>   |  | 66       |                 |     | <u> </u>     | _        | <b></b>  | <b>├</b> ─   | ⊢            | -        | ├-       | ╁        |
| L        | 17       | L     | Ц        |   | Ŀ            | <u> </u> | <u> </u>   | L.   |              |  | <u> </u> |            | <b>!</b>                                     | 67       | -               |     | <del> </del> |          |  | ┝            | -            | ├        | -        | ╀        |
| _        | 18       | L     | Ш        |   | _            | ļ        | <u> </u>   | L  | <u> </u>     | _  | <u> </u> | <u> </u>   |  | 68       | <u> </u>        |     | <u> </u>     | <u> </u> |  | ļ.,          | -            | -        | ┝        | ╀        |
|          | 19       | L     | Ш        |   |              |          | <u> </u>   | <u> </u>   | 上            | L  |          |            | <u> </u>                                     | 69       | Ш               |     | <u> </u>     |          | <u> </u>   | <u> </u>     | ļ            |          | <u> </u> | ╀        |
|          | 20       | Ŀ     | W        |   |              |          | l  |  |              |  |          | l          |  | 70       |                 |     |              |          |  |              |              | _        | L        | L        |
|          | 21       | Ī     | ٦        |   |              | П        |  | Г  |              |  | Ī        |            |  | 71       |                 |     |              | Ĺ.,      |  |              | L            | <u>L</u> |          | L        |
|          | 22       | Γ     | ╗        |   |              | П        |  | Π  | Π            |  |          |            |  | 72       |                 |     |              |          |  | <u> </u>     |              |          |          | L        |
|          | 23       | T     |          |   |              |          |  |  | Г            |  | Γ        | _          |  | 73       |                 |     |              |          |  |              |              |          |          | L        |
| -        | 24       | Γ     | ٦        |   |              |          |  |  | П            |  | П        | Г          |  | 74       |                 |     |              |          |  |              | <u>L</u>     |          |          |          |
|          | 25       | T     |          |   |              |          | Γ  | Г  |              |  |          |            | 1 [  | 75       |                 |     |              |          |  |              |              |          | L        | L        |
|          | 26       | T     | ┨        |   |              |          | Г  |  |              |  |          |            |  | 76       |                 |     |              |          |  |              |              |          | l        |          |
|          | 27       | T     | ٦        |   |              | ļ. —     |  |  |              | П  |          | Г          | 1  | 77       |                 |     |              |          |  |              |              |          |          | Г        |
|          | 28       | T     | ┪        |   | _            | П        |  |  |              |  |          |            | 1  | 78       |                 |     |              |          |  | П            | Γ            |          | П        | Г        |
| $\vdash$ | 29       | T     | 7        |   | Г            | Г        | t  |  | $\vdash$     |  |          |            | 1 —  | 79       |                 |     |              |          | Г  |              |              |          |          | Γ        |
| H        | 30       | H     | 7        | _ |              | $\vdash$ | <u> </u>   | T  | $\vdash$     |  |          |            |  | 80       |                 |     |              |          |  |              | T            |          |          | Γ        |
| _        | 31       | t     | 1        |   | ┢            | ┢        | ┢  |  | $\vdash$     |  |          |            |  | 81       |                 |     |              |          |  |              |              |          | Г        | Γ        |
|          | 32       | t     | ┪        | _ | Т            | ╁        | ┢  |  |              | _  |          | $\vdash$   |  | 82       |                 | 11  |              |          |  | -            |              |          |          | Г        |
| $\vdash$ | 33       | t     | 1        |   | <del></del>  | -        | -  |  | $\vdash$     | 1  |          | Г          |  | 83       |                 |     |              |          |  |              |              |          |          | Ī        |
| -        | 34       | t     | -        |   | $\vdash$     |          | $\vdash$   | <u> </u>   | $\vdash$     |  |          | _          |  | 84       | П               |     |              |          | Г  |              | Г            |          |          | Γ        |
|          | 35       | t     | 1        |   | -            | -        | $\vdash$   |  |              | t  | Т        | Г          |  | 85       | П               |     |              |          | T  |              | Ι            | Г        | Π        | Г        |
|          | 36       | t     | 1        |   |              | $\vdash$ | <del>                                     </del> | -  | $\vdash$     | $\vdash$   | _        |            |  | 86       | П               | _   | Г            |          | Г  | Г            | Ī            |          | Т        | Г        |
| $\vdash$ | 37       | t     | $\dashv$ |   | $\vdash$     |          | <del>  -  </del>                                 | 1  |              | <del>                                     </del> | $\vdash$ | -          |  | 87       | $\Box$          |     |              |          | Т  | Г            | Г            |          |          | T        |
| $\vdash$ | 38       | t     | $\dashv$ |   | -            | $\vdash$ | <u> </u>   | 1-   | 1            |  | -        | _          |  | 88       | $\vdash$        |     |              |          |  |              |              |          |          | T        |
| $\vdash$ | 39       | t     | $\dashv$ |   | -            |          | $\vdash$   | <del>                                     </del> | $\vdash$     |  | -        | -          |  | 89       | H               |     |              |          |  |              | Ι-           | $\vdash$ |          | $\vdash$ |
| -        | 40       | +     | +        |   | $\vdash$     |          | -  |  | <del> </del> | $\vdash$   | $\vdash$ | $\vdash$   | -  | 90       | $\vdash$        | _   |              |          | Н  | Т            |              |          |          | T        |
| $\vdash$ | 41       | H     | -        |   | -            | $\vdash$ | $\vdash$   | -  | $\vdash$     | $\vdash$   | $\vdash$ |            |  | 91       |                 |     |              |          | H  |              | -            | -        |          | $\vdash$ |
| <u> </u> |          | -     | 4        | _ | -            | -        | $\vdash$   | -  | ├            | $\vdash$   | ├        | -          |  | 92       | $\vdash$        |     |              |          | $\vdash$   | $\vdash$     | -            | -        | $\vdash$ | ⊢        |
| <u> </u> | 42       | H     | 4        |   |              | <u> </u> | $\vdash$   |  | $\vdash$     | $\vdash$   | -        |            | -  | 93       | $\vdash$        |     | _            |          | <u> </u>   | H            | <u> </u>     | -        | _        | ⊢        |
| -        | 43       | -     | 4        |   | -            | ļ        | -  | -  | -            | ⊢  | -        | -          | {  |          | $\vdash$        |     | _            |          | $\vdash$   | <u> </u>     | _            | -        | $\vdash$ | $\vdash$ |
| <u> </u> | 44       | -     | _        |   | _            | L        | ┡  | -  | <del> </del> | -  | <u> </u> | -          |  | 94<br>95 | $\vdash \vdash$ |     |              | _        |  | <b> </b>     | <u> </u>     | $\vdash$ |          | -        |
| <u> </u> | 45       | _     | _        | _ | <u> </u>     | _        | 1  |  | ├—           | -  | -        | -          |  |          |                 | -10 | -            |          |  | -            | -            |          | -        | -        |
| <u></u>  | 46       |       | 4        |   | <u> </u>     |          | <u> </u>   | <b>├</b>   | <u> </u>     | _  |          |            |  | 96       |                 |     |              |          | _  | -            | -            |          | _        | -        |
| <u></u>  | 47       |       |          |   |              | _        |  | _  | <u> </u>     | _  | L        | _          | _  | 97       | Ш               |     |              |          | <u> </u>   | <u> </u>     |              | <u> </u> | _        | L        |
|          | 48       | _     |          | L | _            | L        | L.   |  | <u></u>      | <u> </u>   | <u> </u> | L          | <b>                                     </b> | 98       | Ш               |     | <u> </u>     | <u> </u> | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u> |          | $\vdash$ |
| <u></u>  | 49       |       | _        | _ | _            | L        | <u> </u>   | <u>Ļ</u> .                                       | <u> </u>     | <u> </u>   | $\vdash$ |            | ↓  | 99       | Щ               |     | _            | _        | ├  |              | <u> </u>     | <u> </u> | _        | ļ_       |
| Ι.       | 50       | 1     |          |   |              |          | 1  | I  | l            | l  | ļ        | l          | }  | 100      |                 |     | L            |          |  |              |              | l        | <u> </u> | $\perp$  |

| Cla           | im         | Г        |          |          |               | Da           | te           |          |          |          |          |
|---------------|------------|----------|----------|----------|---------------|--------------|--------------|----------|----------|----------|----------|
| ۳             |            | $\vdash$ | Г        | Γ        | Т             | <u> </u>     | ī            | Τ        | Г        | Т        | T        |
| Final         | Original   |          |          |          |               |              |              | :        |          |          |          |
|               | 101        |          | l        |          | $\vdash$      |              |              | $\vdash$ | Τ        | Τ        | T        |
| _             | 102        |          |          |          | Г             |              |              | T        |          | Т        | T        |
|               | 103        |          |          |          |               | <u> </u>     |              |          | Т        | Γ        | Τ        |
|               | 104        |          | İ        | 厂        | 1             | T            | T            |          | ┢        | 1        | T        |
|               | 105        |          |          |          |               |              |              |          |          |          | L.       |
|               | 106        |          |          |          |               |              |              |          | L        |          |          |
|               | 107        | _        | _        |          | <u> </u>      | <u> </u>     | _            |          | L        | L        | ↓        |
|               | 108        | -        | <u> </u> | <u> </u> |               | L            | <u> </u>     | <u> </u> | <u> </u> | L        | <u> </u> |
| _             | 109        | -        | <u> </u> | ļ        | <u> </u>      | <u> </u>     | _            | <u> </u> | <u> </u> | L        | _        |
| L             | 110        |          | <u> </u> |          | <u> </u>      | <u> </u>     | 1            | <u> </u> | Ŀ        | 1        | ╄        |
|               | 111        | L        | ├        | -        | ╄-            |              | _            | <u> </u> | ├-       | -        | -        |
| <u> </u>      | 112        |          | ┡        | -        | <b> </b>      | ļ.,          | ┞            | ┞        | ⊢        | ⊢        | $\vdash$ |
| <u> </u>      | 113        | _        | -        | <u> </u> | ⊢             | ┝            | ⊢            | ├        | ├        | -        | ╀        |
| <u> </u>      | 114        |          |          | ├-       | ╁—            |              | ┢            | -        | ├        | $\vdash$ |          |
| H             | 115<br>116 |          | -        | $\vdash$ | ⊢             | ├            | ┝            | ┢        | ┝        | ├        |          |
|               | 117        | _        | -        | ├        | -             | <del> </del> | ┢            | ├-       |          | $\vdash$ | $\vdash$ |
| -             | 118        | -        | -        | ├        | ┢             | -            | ╁            | -        | $\vdash$ | -        | -        |
| -             | 119        | _        | ┢        | ╆╌       | <del> </del>  | -            | $\vdash$     | ├-       | -        | H        | +        |
|               | 120        | $\vdash$ | ┢        | ┢        | -             | ╁            |              | ┢        | -        | ╁╴       | t        |
| <u> </u>      | 121        | ┝        | ┢        | ├        |               | ├            | ⊢            | ⊢        | ├        | $\vdash$ | +        |
|               | 122        |          | -        |          | ╁             | ┢            | ╁            | ├        | -        | H        | $\vdash$ |
| H             | 123        | _        | $\vdash$ | $\vdash$ | -             | ┢─           | $\vdash$     | ┢        | -        | <u> </u> | $\vdash$ |
|               | 124        |          | _        |          | H             | ╁            | <del> </del> | ╁        |          | H        | ╁        |
|               | 125        | -        | $\vdash$ | T        | $\vdash$      | <u> </u>     |              |          |          | T        | T        |
|               | 126        |          |          |          | 1             |              |              |          |          | Г        |          |
|               | 127        |          | ऻ        |          | _             |              |              |          |          |          |          |
|               | 128        |          |          |          |               |              |              |          |          |          |          |
|               | 129        |          |          |          |               |              |              |          |          |          |          |
|               | 130        |          |          |          |               |              |              |          |          |          |          |
|               | 131        |          |          |          |               |              |              |          |          |          | _        |
|               | 132        |          |          |          |               |              |              |          |          |          | L        |
|               | 133        |          |          |          |               |              | L.,          | _        | _        | _        | Ш        |
|               | 134        |          |          |          | Ш             |              |              |          | . :      | L        |          |
|               | 135<br>136 |          |          |          | $\vdash$      | _            |              | _        |          | _        | _        |
| $\overline{}$ |            |          |          | <u> </u> | Н             | _            |              |          |          | L        | <u> </u> |
| $\rightarrow$ | 137<br>138 | _        | _        |          | $\vdash$      |              |              |          |          | _        | ┢        |
| $\overline{}$ | 139        |          |          |          | H             |              | -            |          |          | -        |          |
|               | 140        |          |          |          |               |              |              |          | _        | H        | H        |
| -             | 141        |          | -        | <u> </u> | H             | H            | Н            |          |          |          |          |
| $\dashv$      | 142        |          |          | _        | H             | H            | Н            |          |          | -        | Н        |
|               | 143        | _        | -        |          |               |              | Н            |          |          | ļ-       | 19       |
|               | 144        |          | Н        |          | Н             |              | Н            |          |          | _        | -        |
|               | 145        |          |          | _        | Н             |              | Н            |          |          |          | -        |
| _             | 146        |          | -        |          |               |              |              |          |          | - 1      |          |
|               | 147        |          |          |          | П             | П            |              |          |          |          |          |
|               | 148        | _        |          |          | М             |              | $\vdash$     | М        |          |          | Н        |
|               | 149        | _        | П        |          | $\vdash$      | _            | П            |          |          |          |          |
| $\overline{}$ | _          | _        | -        | -        | $\overline{}$ | _            | -            | _        |          | _        | _        |

If more than 150 claims or 10 actions staple additional sheet here

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